2022-2023
AP/Honors Statistics
Summer Assignment Mrs. Briggs

Introduction: Welcome to AP Statistics! Below are the directions for the summer assignment. The purpose of this assignment is to get us off to a strong start by covering the first chapter of the AP Statistics book. This will ensure that we have sufficient time to cover all of the material in the course and allow for ample time to review for the AP exam. The first chapter is mostly a review of concepts you have learned in previous math classes. You will need to focus on the new AP Statistics vocabulary.
I encourage students to collaborate on this assignment, to carefully read each lesson, review the lecture slides and complete the Chapter 1 Summary Notes sheet and the practice problems assigned.
Please read these directions carefully and contact me by email at lbriggs@Spellman.com if you have any questions about the assignment or require clarification about my expectations of the work that you do.

The textbook for this course is The Practice of Statistics 6th edition by Starnes and Tabor, a link to the pdf book is on google classroom. Students will also need a graphing calculator, I recommend the TI-84 Plus (available used on Amazon)

Summer Assignment Includes:
1. The Practice of Statistics 6th edition by Starnes and Tabor pdf
2. Lecture slides for Chapter 1.
3. Chapter 1 Summary Notes sheet (to be completed by student)
4. Complete assignment with section numbers and problems.
5. Khan Academy "Get Ready for AP Statistics" Join with link::
https://www.khanacademy.org/join/P92DZXAQ
This resource can be used for supplemental instruction.

Assignment:
1. Read Chapter 1 "Data Analysis."
There are 88 pages in the first chapter, but it is probably the easiest chapter we will cover.
Pay careful attention to the Learning Targets, examples, calculator procedures, and
the AP Exam tips in the margins. Also, vocabulary is VERY important in AP Statistics.
2. Complete the Chapter 1 Summary notes sheet.
3. Complete the Chapter 1 Homework Exercise Sets.

MC means multiple choice so only your letter response is necessary.
For all other problem types Show ALL work (**in your own words**) for these problems:
- Chapter I Introduction HW: #1, 5, 7, 9-10MC
- 1.1 HW: #13, 15, 18, 20, 22, 23, 27, 29, 33, 35, 40-43MC
- 1.2 HW: # 46, 48, 49, 50, 51, 52, 55, 58, 60, 65, 67, 71, 79, 80-86MC
- 1.3 HW: #87, 89, 91, 94, 96, 97, 99, 102, 106, 108, 111, 113, 115, 123-126MC

Caution about Academic Integrity: DO NOT copy the answers to any assignment from sources you find on the internet or book – especially the textbook. Doing so will be considered plagiarism and the consequence of such behavior will be a zero on the assignment at least.

The answers you may find are meant to check your understanding after you have completed a problem yourself and these solutions should then assist you in making corrections. The textbook gives answers to the odds but you need to show all work/calculations done to derive the answer; answers are to be stated in your own words.

Warning: Answers you find on the Internet are sometimes incorrect and will often be stated using terminology and solving techniques that are not specific to the current AP Statistics curriculum.

This makes it easy to identify work that is not your own

SUMMER ASSIGNMENT WILL BE DUE THE FIRST FULL DAY OF SCHOOL IN SEPTEMBER, AND WILL BE GRADED AS A QUIZ GRADE.

DO NOT wait until the last minute to do this summer assignment.
I will not accept any late summer assignments!